



DEPARTMENT OF THE NAVY

NAVAL AIR SYSTEMS COMMAND
NAVAL AIR SYSTEMS COMMAND HEADQUARTERS
WASHINGTON, DC 20361-0001

IN REPLY REFER TO

NAVAIRINST 13280.1
AIR-536
17 Aug 89

NAVAIR INSTRUCTION 13280.1

From: Commander, Naval Air Systems Command

Subj: BATTERY STANDARDIZATION PROGRAM

Encl: (1) Notification of Battery Requirement Format

1. Purpose. To promulgate policies for the selection, application, and approval of batteries used in Naval Air Systems Command (NAVAIR) procured systems and subsystems.
2. Cancellation. This instruction cancels NAVAIR Notice 13280 of 14 September 1988.
3. Scope. This program applies to all systems, subsystems, components, and equipments both development and nondevelopment under the cognizance of NAVAIR.
4. Background. The Navy was cited via Inspector General Audit Report # 87-074 of 2 February 1987 for not controlling the proliferation of batteries. Battery proliferation has occurred due to lack of a single point of management for batteries within NAVAIR. Battery selection, application, and development has typically been left to the contractor of the systems, subsystems, components, and equipment with little regard to using an existing battery. Use of non-standard batteries has necessitated the need for additional support equipment and maintenance procedures. To facilitate decreasing budgets the use of existing batteries will be maximized.
5. Policy. It is the policy of NAVAIR that effective battery standardization be maintained throughout Naval Air Systems Command Headquarters and its field activities. To ensure the proper selection/use of batteries, a single point of battery management will exist. The single point for battery management (battery standardization group) within NAVAIR is the Propulsion and Power Division (AIR-536). Throughout the various organizational echelons and elements of NAVAIRHQ, NAVAIR field activities, and supporting field activities performing NAVAIR tasks, effective control will be developed and exercised to assure optimum battery standardization through use of AIR-536 resources.



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6. Definitions

a. Acquisition manager. The term "acquisition manager" as used herein means the official who has funding and overall management responsibility for systems, subsystems, components, and equipments to be purchased. The term applies to all program managers, system program managers, weapon system managers, advanced development project officers, technology administrators, and acquisition managers, at NAVAIRHQ, NAVAIR field activities, and supporting field activities performing NAVAIR tasks.

b. Supporting field activities. Supporting field activities are those field activities whose plant and personnel resources are not under NAVAIRHQ control. The supporting field activities are defined but not limited to Naval Research Laboratory, Pacific Missile Test Center, Naval Weapons Center, and Naval Weapons Support Center.

c. Product area. A group of systems, subsystems, components, and equipments having similar function and NAVAIRHQ cognizance (i.e. avionics, missiles, bombs, etc.).

7. Guidelines

a. Include battery standardization requirements in concept formulation, contract definition, procurement, production, maintenance, conversion, modernization, and alteration of systems, subsystems, components, and equipments.

b. Specify existing suitable batteries already supported in-depth by the Department of Defense (DOD) system.

c. Preclude use of limited application and poor performance batteries.

d. Exercise configuration control to maintain standardization.

e. Use procurement techniques to restrain proliferation.

f. Backfit standardization into existing systems, subsystems, components, and equipments with the goal of improving reliability and operational readiness.

8. Responsibilities. NAVAIRHQ (AIR-536) is responsible for

a. selecting, applying, and approving all batteries used in NAVAIR systems, subsystems, components, and equipment;

b. developing and maintaining a data base of NAVAIR batteries and interface with other DOD battery data bases;

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c. maximizing use of batteries already catalogued by the Federal Supply System (FSS);

d. participating during all phases of development of systems, subsystems, components, and equipment requiring batteries to ensure that a suitable battery is selected;

e. reviewing all system, subsystem, component, and equipment specifications requiring batteries and add a battery standardization statement recommending the use of existing military specification batteries;

f. reviewing purchase requests for systems, subsystems, components, and equipments requiring batteries and add contract data item DI-MGMT-80772 to obtain data required to perform a battery data base search;

g. writing and maintaining general battery specifications;

h. modifying product area design control documents to include a battery standardization statement;

i. recommending development of a battery system that best meets the operational requirements if a suitable battery is not in the FSS. The recommended battery system will be selected based on its ability to meet operational requirements, reliability, maintainability, and life cycle cost; and

j. developing program plans and obtaining funding to backfit standardization into existing systems.

9. Action. NAVAIRHQ and field activities acquisition managers will

a. alert NAVAIRHQ (AIR-536) early in the acquisition process of systems, subsystems, components, and equipment requiring batteries to allow adequate search for a suitable battery already catalogued in the FSS. Enclosure (1) provides a notification requirement format that the acquisition manager will submit to NAVAIRHQ (AIR-536) as soon as a battery requirement is known;

b. submit system, subsystem, component, and equipment specifications requiring batteries to NAVAIRHQ (AIR-536) for review and recommendation of appropriate batteries and for the addition of a battery standardization statement;

c. route purchase requests for the procurement of systems, subsystems, components, and equipment (development or nondevelopment) requiring use of batteries via NAVAIRHQ (AIR-536) for inclusion of a contract data item DI-MGMT-80772; and

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d. identify existing low reliability battery systems and participate in backfit standardization effort to improve reliability and maintainability.



R. C. GENTZ
Vice Commander

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NOTIFICATION
OF
BATTERY REQUIREMENT FORMAT

SUBMISSION DATE _____

1. SYSTEM CONTAINING BATTERY _____
2. COGNIZANT ENGINEER _____
3. COGNIZANT ENGINEER CODE AND PHONE _____
4. COGNIZANT FIELD ACTIVITY _____
5. COGNIZANT FIELD ACTIVITY CONTACT _____
6. COGNIZANT FIELD ACTIVITY CODE AND PHONE _____
7. SERVICE CONTRACT CONTRACT AND PHONE _____

